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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 8/24/04

Signature:

*Joanne Ryan*  
(Joanne Ryan)

Docket No.: (BBNT-P01-139) 01-4015  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Brig B. Elliott

Application No.: 09/943709

Confirmation No.: 2582

Filed: August 31, 2001

Art Unit: N/A

For: SYSTEMS AND METHODS FOR PATH SET-  
UP IN A QUANTUM KEY DISTRIBUTION  
NETWORK

Examiner: Not Yet Assigned

**NEW POWER OF ATTORNEY**

**RECEIVED**

AUG 31 2004

Technology Center 2100

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the attached "Power of Attorney to Prosecute Applications Before the USPTO", signed by an individual having signature authority for the Assignee (BBNT Solutions LLC) of the above-referenced application, Assignee has granted the following attorneys and agents:

All practitioners at Customer Number 28120

power of attorney to prosecute the above-referenced application before the USPTO.

Dated: August 24, 2004

Respectfully submitted,

By *[Signature]*

Edward A. Gordon

Registration No.: 54,130

ROPES & GRAY LLP

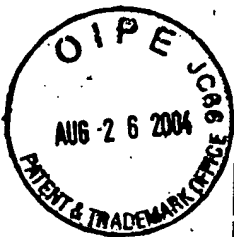
One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

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Attorneys/Agents For Applicant



#4

PTO/SB/80 (12-03)  
Approved for use through 11/30/2005. OMB 0851-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

28120

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number
<div>RECEIVED AUG 31 2004 Technology Center 2100</div>	

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

BBNT SOLUTIONS LLC  
10 Moulton Street  
Cambridge, MA 02138

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

## SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Mark J. Sherman		
Signature		Date	May 18, 2004
Title	Vice President, Contracts	Telephone	(617) 873-8000



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Dated: 8/24/04

Signature: Joanne Ryan

(Joanne Ryan)

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Dear Sir:

Please note that the Attorney Docket Number has been changed from 01-4015 to **BBNT-P01-139**. Please reference **BBNT-P01-139** on all future correspondence.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. BBNT-P01-139 from which the undersigned is authorized to draw.

Dated: August 24, 2004

Respectfully submitted,

By Edward A. Gordon  
Edward A. Gordon

Registration No.: 54,130  
ROPES & GRAY LLP  
One International Place  
Boston, Massachusetts 02110-2624

(617) 951-7000  
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